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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/010,533	12/07/2001	Philip G. Koehler	FLG-033CIP	2804
23717	7590	01/22/2004	EXAMINER	
LAW OFFICES OF BRIAN S STEINBERGER 101 BREVARD AVENUE COCOA, FL 32922			VARNER, STEVE M	
			ART UNIT	PAPER NUMBER
			3635	
DATE MAILED: 01/22/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/010,533

Applicant(s)

KOEHLER ET AL.

Examiner

Steve M Varner

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 October 2003.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) 2 and 32 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 38-41 is/are allowed.
- 6) ☒ Claim(s) 1,3-6,8,11-16,19,21-31 and 33-37,42,43 is/are rejected.
- 7) ☒ Claim(s) 7,9,10,17,18,20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

Claims 2, 33, are canceled.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 42, are rejected under 35 U.S.C. 102(b) as being anticipated by Achen.

Regarding claim 1, Achen shows a solid barrier material (60) with no spaces and gaps, which substantially closes off a passageway along where crawling arthropods enter the room. Achen shows a separate arthropod repellant substance in the form of a screen (Col. 3, Line 45-50) associated with the solid barrier material (60), the barrier material further preventing and blocking airflow from passing there through. (Fig. 3)

Regarding claim 42, Achen shows a repellant substance in the form of a screen (Col. 3, Line 45-50).

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-6, 8, 11-16, 19, 21-32, 34-37, 43, are rejected under 35 U.S.C. 103(a) as being unpatentable over Achen.

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Regarding claims 3-5, Achen shows the basic claimed structure. Achen does not show walls, ceilings, and floors. Walls, ceilings, and floors are well known fixed permanent structures. It would have been obvious to one of ordinary skill in the art at the time the present invention was made to use walls, ceilings, and floors as known in the art for the fixed permanent structure. The barrier device could then be attached to the fixed permanent structure where there is a passageway. The function of the barrier material is to block arthropods. It can be placed wherever it is useful.

Regarding claims 6, 8, 11-16, 19, 21, 23, 25, 27, 29, 31; Achen shows the basic claimed structure. Achen does not show shower faucet handles, pipes, drainlines for sinks, incoming waterlines for sinks, waterlines for showerheads, electric powered fixtures, ceiling fans, lights, drain receptacles, vent cover wall switches and covers, telephone jacks and covers, thermostats mounted to a wall portion, electrical sockets and covers, and cable sockets and covers. Shower faucet handles, pipes, drainlines for sinks, incoming waterlines for sinks, waterlines for showerheads, electric powered fixtures, ceiling fans, lights, drain receptacles, vent covers, wall switches and covers, telephone jacks and covers, thermostats mounted to a wall portion, electrical sockets and covers, and cable sockets and covers are well known household fixtures. It would have been obvious to one of ordinary skill in the art at the time the present invention was made to use these fixtures in the structure of Achen. These fixtures are interfaced with the wall, ceiling, and floor where the barrier material would be useful to deter arthropods traveling along a passageway created by the fixture. The barrier material can be placed wherever it is useful.

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Regarding claim 22, 24, 26, 28, 30, 32, Achen shows a rectangular shaped insert (22) having a rectangular shaped opening (24). (Fig. 3)

Regarding claim 34-37, 43, the claimed methods are the obvious methods of using Achen's modified vent with security grate.

### ***Claim Objections***

Claims 7, 9, 10, 17, 18, 20, are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 7 is allowable for a disc-shape with a center through-hole.

Claim 9 is allowable for a conical shape with a center through-hole.

Claim 10 depends from claim 9 and is therefore allowable.

Claim 17 is allowable for a bell shape with a center through-hole there through.

Claim 18 depends from claim 17 and is therefore allowable.

Claim 20 is allowable for the cup shaped insert having a center through-hole.

### ***Allowed Claims***

Claim 38 is allowed for a disc-shape with a center through hole.

Claim 39 is allowed for a conical shape with a center through hole.

Claim 40 is allowed for a bell shape with a center through-hole there through.

Claim 41 is allowed for a cup shaped with a center through-hole.

### ***Response to Arguments***

Applicant's arguments filed 10/28/03 have been fully considered but they are not persuasive.

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Applicant argues that the screen and vent are not solid.

Examiner has changed the barrier material to the solid cover (60).

Applicant argues that the separate substance is a repellant substance.

Examiner maintains that the screen is a repellant substance.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ritter shows a rodent exclusion device. Carman shows a tree trunk barrier for pest control. Sharples reveals a retractable electric wall outlet assembly. Young shows a cover assembly for in-floor devices.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

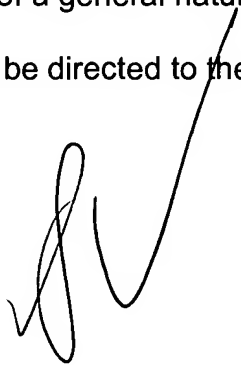
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steve M Varner whose telephone number is 703 308-1894. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl D Friedman can be reached on 703 308-0839. The fax phone numbers for the organization where this application or proceeding is assigned are 703 305-7687 for regular communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308-1113.

SV  
January 6, 2004



Carl D. Friedman  
Supervisory Patent Examiner  
Group 3600